

ABSTRACT OF THE DISCLOSURE

2 A bubble-jet type ink jet printhead and manufacturing method thereof are provided. In the
3 printhead, a manifold for supplying ink and a concave ink chamber is integrated with a substrate by
4 being recessed from the same surface of the substrate, and a nozzle palate on the substrate in which
5 a nozzle is formed and a round-shaped heater surrounding the nozzle are integrated without a
6 complex process such as bonding. Thus, this simplifies the manufacturing procedure and facilitates
7 high volume production. Furthermore, the round-shaped heater forms a doughnut-shaped bubble
8 to eject ink, thereby preventing a back flow of ink as well as formation of satellite droplets which
9 may degrade image resolution.